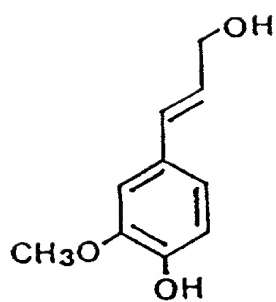
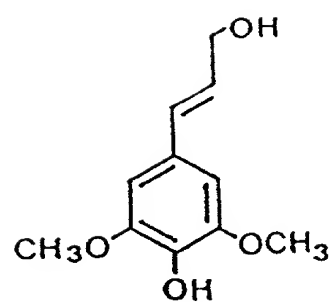


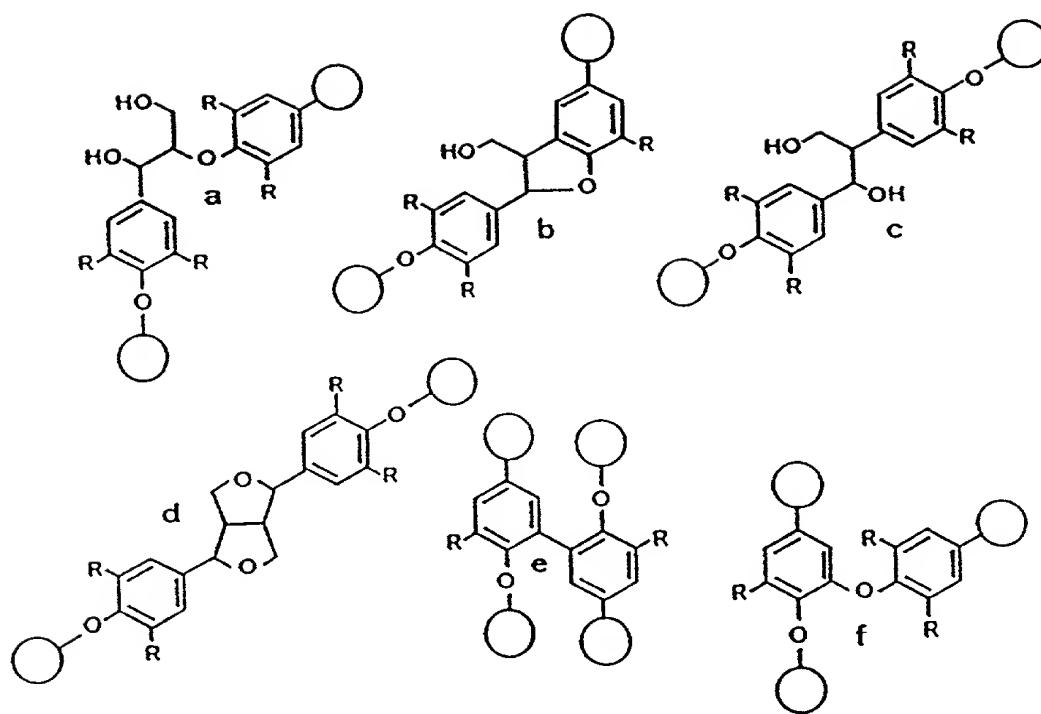
1

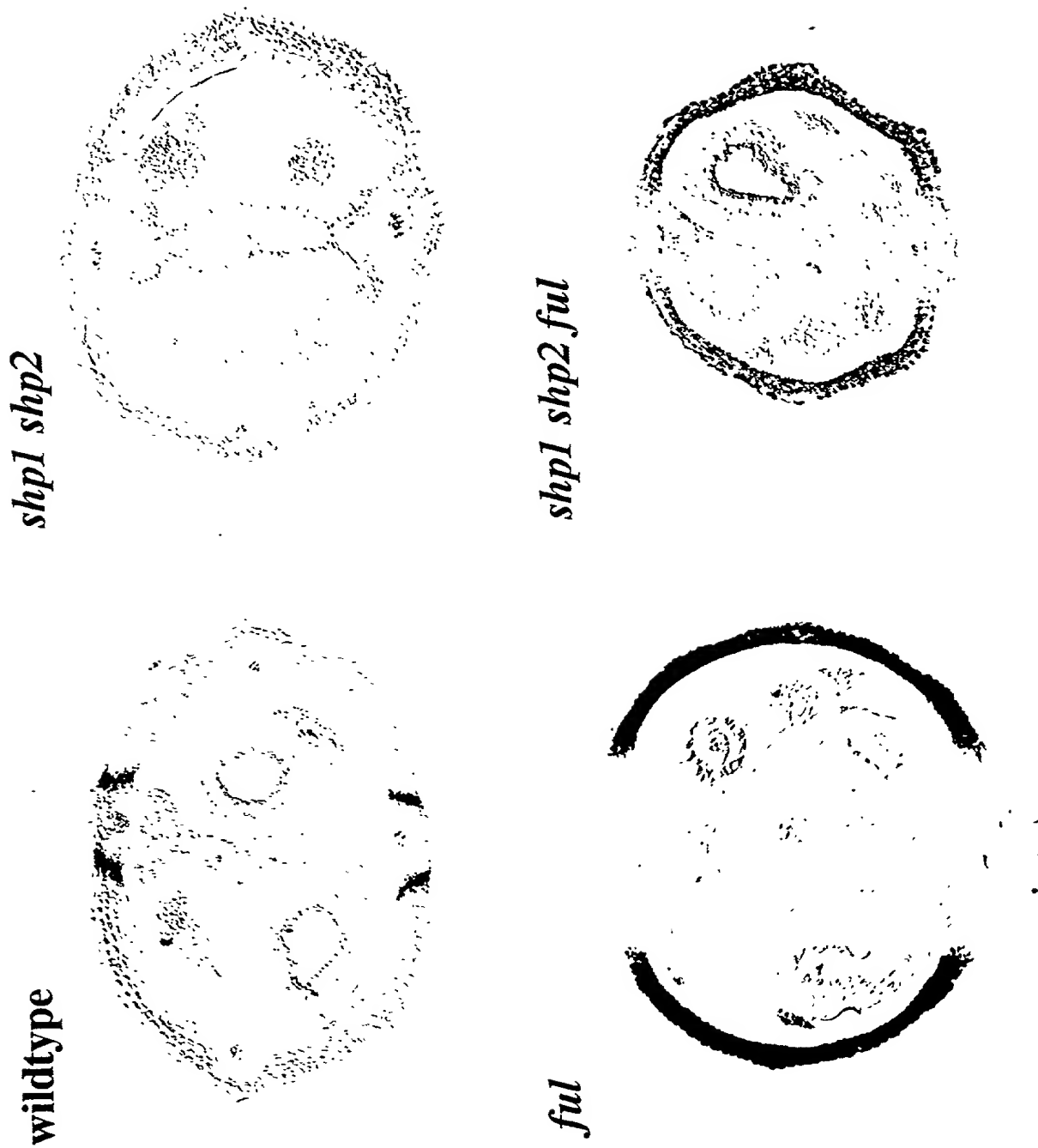


2



3





COCAGAGAGACATAAGAAAGAAAGAGAGAGAGATACTT
TGGTCATTTCAGGGTTGTCGTTCTCTCTCTGTTCTTGAGATTTTGAAGAGAGAGAGAT
1 ATGCGAAGAGGTTAGGGTTTCAGCTGAAGAGGATAGAGAACAAGATCAATAGGCAAGTTACT
1 M G R G R V O L K R I E N K I N R O V T
61 TTCTCAAAGAGAGGTTCTGGTTTCTCAAGAAAGCTCATGAGATCTCTGTTCTCTGCGAT
21 F S K R R S G L L K K A H E I S V L C D
121 GCTGAGGTTGCTCTCATGTTCTCTCTCTCAAGAGGCAAACTCTTGGAAATATTCACCGAC
41 A E V A L I V F S S K G K L F E Y S T D
181 TCTTGCATGAGAGGATACTTGAAGGCTATGATGCGTATTTATATTTCAGACAAACAATT
61 S C H E R I L E R Y D R Y L Y S D K Q L
241 GTTGGGCGAGAGGTTTCACAAAGTGAAATTTGGTTCTAGAACATGCTAAGCTCAAGGCA
81 V G R D V S Q S E N W V L E H A K L K A
301 AGAATTGAGGTTACTTCAGAGAGAACAAAGGAATTTTATGGGGAGAGATCTTGATTGCTTG
101 R V E V L E K N K R N F M G E D L D S L
361 AAGTTGAAGAGGCTCCAAAGCTTGAGGATCAGCTCGATGCGAGCTATCAAGAGCATTAGG
121 S L K E L O S L E H O L D A A I K S I R
421 TCAAGAAAGAACCAAGCTATGTTGGAAATCATATCTGCGCTCAGAAAGGATAAAGCC
141 S R K N O A M F E S I S A L O K K D K A
481 TTGCAAGATCACAACATTTGCTTCTCAAAAAGATTAAGGAGAGGAGAGAAAGGGGT
161 L Q D H N N S L L K K I K E R E K K T G
541 CAGCAAGAGGACAATTAGTCCAATGCTCCAACTCTTCTTCAGTTCTTCTGCGCTCAATAC
181 Q Q E G Q L V Q C S N S S S V L L P Q Y
601 TGGGTAACTGCTCCAGAGATGCGTTTGTGAGAGAGTTGCGGAGAGAACGGTGGTCCA
201 C V T S S R D G F V E R V G G E N G G A
661 TCGTGGTTGAGGAAACCAACTCTCTGCTTGGGCTTGGATGTTAAGTCTACCACTAGG
221 S S L T E P N S L L P A W H L R P T T T
721 AAGAGTAGAAGTATCTCACTCTTTATAATATAATGATAATATAATTAATGTTTAATATT
241 N E *
781 TTCATAACATTCAACATTTTGTGGTGAATTATCTCATTATTAATACCGATATGTTTAA
841 GCTAGTCATATTATATGATGGAAGTCCGTTGTGAGAGAGTATGTAAGTAAAGCTATC
901 ATTAGATTCACTGCGTCTTAAGAACAAAGATTCATATCTTGGTAATGATTTCTCATGAAA
961 TA_n


```

(1)GGATCA 6
(5)GAATTCATCTTCCCATCTCACTTCTCTTTCTTTC 35
(5)TGATCATAATTAATCTTGCTAAGCCAGCTAGGGCTTATAGAA 77
ATGGAGGAAGGTGGGAGTAGTCACGACGAGAGTAGCAAGAAA 51
GT C A G A T A C G 122
K K K G G S S K D A K S S K K 15
G A K K V
CTAGGGAGAGGGAAAATAGAGATAAAGAGGATAGAGAACAACA 96
A G T G 167
L G R G K I E I K R I E T T 30
I
AATCGTCAAGTTACTTTCTGCAACGACGCAATGGTCTTCTCAAG 141
C T A 212
K K O Y T F C K R R K G L L K 45
AAAGCTTATGAATCTCTGTCTTGTGTGATGCCGAAGTTGCCCTC 186
G C T G T T 257
K A Y E L S V L C D A E V A L 60
GTCATCTTCTCCACTCGTGGCGCTCTATGAGTACGCCAACAAC 231
A C 302
V I F S T R G R L Y E Y A E M 75
AGTGTGAGGGGTACAATTGAAAGGTACAAGAAAGCTTGTTCGGAT 276
A A A C C 347
E V R G T I E R Y K K A C S D 90
GCCGTCAACCCCTCTTCCGTCAACGAAAGCTAATACTCAGTACTAT 321
T G A A 392
A V K P P S V T E A K T Q Y Y 105
T I
CAGCAAGAAGCCTCTAAGCTTCGGAGGCAGATTGAGATATTGAG 366
G G A C A G C 437
Q Q E A S K L R R Q I R D I Q 120
S
AATTCAAATAGGCATATTGTTGGGGAATCACTTGGTTCCTTGAAC 411
T G C A C C T T 482
K S K R E I V G E S L G S L M 135
L
TTCAAGGAACCTCAAAAACCTAGAAGGACGCTCTGAAAAAGGAATC 456
T G T A T A G G 527
F K E L K H L E G R L E K G I 150
AGCCGTGTCCGCTCCAAAAAGAAATGAGCTGTAGTGGCAGAGATA 401
T A G C C A T T 572
S E Y R E K K E L L V A E I 165
GAGTATATGCAGAAGAGGGAAAATGGAGTTGCAACACAATAACATG 546
A C A A C C A G 617
E Y M Q K R E M E L Q M M M M 180
I
TACCTGGAGCAAAGATAGCCGAAGGCGCCAGATTGAATCCGGAC 591
T C C T C T A T A C A G G T A C G 656
Y L R A K I A R G A R L M P D 195
S T - - T G L Q 193
CAGCAGGAATCGAGTGTGATACAAGGACGACAGTTTACGAATCC 636
A A TCAAGG G G 701
Q Q E S S V I Q G T T V Y E S 210
H Q G 208
GGTGTATCTTCTCATGACCACTGCGCAGCATTATAATCGGAATAT 681
T A T C C G G G C T 746
G V S S K D Q S Q E Y M R M Y 225
T S H G Q 223
ATTCCGGTGAACCTTCTTGAACCGAATCAGCAATTCTCCGGCCAA 726
G T A T C A A 791
I P V M L L E P M Q Q F G Q 240
A M E M 238
GACCAACCTCCTCTTCACTTGTGTAA 753
A G T G 818
D Q P P L Q L V End 248
246
(1)CTCAAAACATGATAACTTGTCTTCCCTCATAACGATTAAAG 797
GAGAGACGAGAGAGTTCAATTTATATTATAACGCGACTGTGTATT 844
ATAGTTTAAAGTTCTAATAATGATAATAACAAACTGTGTCTTCTTCTCA 862
(5)TTCAAGTCTAACAAGCTTCTTCTCAGCCTGAGATCGATCTA 862
TAGTGTCACTAAATGCGGCGCGTCCCTCAACATCTAGTCCGAAGC 909
TGAGGGGAACCACTAGTGTCTATACGAACCTCCAAGAGACGGTTACACAAA

```

60
CCATCTACTA TCCGGTTGTT GACCCTTAAA GCTTTTGAAG ACTACTAGAA TAATGCAAAT
120
ACCATATGTC CATATCCATC CTTTTCTTTT GTTTGAACTG AACATTCTAA TTTTGTAATA
180
GAAAAAACCT TATGTTAATA TCACCGTAGG CAAAAAAAT ATCTCATCAT ATTAAATTTT
240
TATTATAAGA TTATACATTC TCTCGTTGTA AGAGTTACTC CAATTGCAAG TGTGTATTATTA
300
ACTAATAAAA AGGACGAAAAG TAGGAAGCTT ATAATTAATT GATGTTGCAT AGTACTGGTA
360
TATTGTTGAT GAATATAACA AGTATGAACA TTAATGCATG AAACGGGGTA TTTTGTCTTG
420
AACTCATTAAGGCAATGTG AAAAGAAGAT GTGAGGTCTC ATTTTGAAAA TTTATCTTCT
480
AGCTTTGTCG ATTTTAAATC TATGAAATGA ACGCAACATA TAGAAATTTT ATGTGGACAA
540
CGACATTTAG ACGGTATCTT AATTAGACCG ATTAATTAGT AATATACTTA TATATATAAT
600
TAGTGTTGAT TATAAGTTTA CTTATCCACT TGAGAATTTA AACAATGGGC AATACCTTAA
660
TGTCGAAAGA AGCCGTCCCC ACTTCGTGTA ATGAGTTATG GGGGAGAGAT CCTGTAAAT
720
CGTCAAATAA AACAACTTAA GAACTAGAAA TTGACACCAA AAATCATAAA GAGAACGTTG
780
AAGAAGTCAT TTATCGTATC CAGCTCATAT TTCCTAGCTA AGATCAAATC AAGGCCGTTG
840
AAAGGGCTTG TAAGAAAATG TCGAAGAAAC CGTGGGGTTT AGAAGAAAGA CAAGAAATAG
900
AAGAACAATG ATGTTAAATT GCCTATTTTG GTGTATAGGA GTTGTCAAAA GAGGAGAGAG
960
AGAAGAAAAT TAGGTCAAAA TAATGAGCAC TAAAAATGGA GACATGTGTT GAGTAACTAT
1020
TACAAGAGCG ACTTATGCTT CCTTATGGCA ATGATATCCA AACCAAAGTG CAACGCTCCT
1080
TTTTTGCCCT AATTTCTGTA AGTCTCTCTC CTTCTTCGTC CTTAGGAAAA ACCCTAGAAA
1140
TTTAATCCCT TGTTCCTGAT CTGCTTTTTT GAGTAACCAT GATTTTGACC ACACACTATT
1200
TCTTCTATCT TTTGTGGTCT ATAGGATTTT GCTTTATATG TGTTTCTTGT ATTGCTCCGT

1260
ACGTACGTAT ACGAATTTAA ATGGTTATAA CAAGGTTTAT ATAACTAGC ACAAATGAGT

1320
CCATGAAATT TGTTAGCGAA AAAGGTAGAA ATATATTGAG TCTTTAAACG GCAATATATA

1380
TAATTTTGCT GCAAACTTA GCTTTAATCA TGATCTAATG ATATTTTCTT TAATTTCTT

1440
TGCCAAATTA ATCACATGCA CGGATTTTGG GCAAGTTATG TGTCGAATTC TTCCATTGAC

1500
ACAACACTAA ACTTAATTAG AACTCTAGGA AATATTTTAA AATGACAACT TTATCGAAAA

1560
AAATTTAGTT ATGAAAACAA TTCCAGAATT AAACATGAGC TATATAATTT AAGATAAAAT

1620
GAAGTAATAT TGATATGTAT GTAATAACAT ATCTGATTGC GGTAACAAAA AACATATCTG

1680
ATTAAATTGT TCATGCAGGC CCATGTCACT ATGATGTCAT CACGTTTTTA TTTTCACAAT

1740
AACTAATATA TATTCAAAAA AATAGTTTTG TCAGATTAAA TTTTTTTTGG TGGTCAGCTT

1800
TCTCCAACCT ACTAACTAG TTTGGAATGT TCTCTTCTTT ATTTTCTTT TTCTTGATTT

1860
CTTATGTTTT TTATTTATGG AATTTTAAGA CGGATTGTTT AGGTCGTTTC TCTCTTTTCT

1920
TGTTTTCTAA AGTTACTTTT GTAACTCAT CTCCTCCCAA TTAGACAGTC AATCATATAG

1980
TTATCTTTTA ATATATGTCT AGTTGATAAA AAAAATGAAA AAATACTGGT GGTAGTTCTA

2040
CTAATGTTTG TGTAACAAAT CTGATATTAT GAATCTAATC AATTTCTTTG ATCGTATAAT

2100
GTGGGTAAAT TTTAGTAATT TTTTACATAA ATAAGAACTG TAATGTTGAT GTATATTGGG

2160
GAATCAGTAT ATTAGCTTGG GTAACATAC TTCTGGAAAT ACTTGAAGAT TTAACATTTT

2220
GCAAAATTAT AATTTAGTCC CGAAAAATAC AGACGACGGG ACACGACAAC ATATAAGCAG

2280
GTTTGAATCT TGGAAATTT TGTATACATA ACCTATATAA ATACTAATGT TCTGGTTGGG

2340
TTCAAAGCC TTTTCAAAG TTCCATTTTT TAAATTCAAG GACATTTTAC ATAGGAAATA

2400
AGTTGAGTCA TAAAAATAA TGGTTATTTT GTAAGGTTTT TTTTTTGATT AAAACGCACA

2460
TATTAAGAAG TTAGTTTTTT TCACTACCA AATATCAATT AATTAAAAAC CATGCAACCA

2520
TTCATAAAAC AATACTATTA AGAATATAA ATAATCACAA AATATTAAAT ACACTTAAAA

2580
TTTACATATA AATTTACAAA ACATCTAATT AATTGAAACA GAAAGGAAAA GGTAAAATAT

2640
ATCATAAAAT GAGACATATA TCCTATAAAA AAAAAATGAG GCATATGAAG TAAATAATAA

2700
GAGACATGCA TGTAAGCATT CGGTTAATTA ATCGAGTCAA AGATATATAT CAGTAAATAC

2760
ATATGTGTAT ATTTCTGGAA AAAGAATATA TATATTGAGA AATAAGAAAA GATGAAAATG
M>

2820
GAAAATGGTA TGTATAAAAA GAAAGGAGTG TGCGACTCTT GTGTCTCGTC CAAAAGCAGA
E N G M Y K K K G V C D S C V S S K S R>

2880
TCCAACCACA GCCCCAAAAG AAGCATGATG GAGCCTCAGC CTCACCATCT CCTCATGGAT
S N H S P K R S M M E P Q P H H L L M D>

2940
TGGAACAAAG CTAATGATCT TCTCACACAA GAACACGCAG CTTTTCTCAA TGATCCTCAC
W N K A N D L L T Q E H A A F L N D P H>

3000
CATCTCATGT TAGATCCACC TCCCGAAACC CTAATTCACT TGGACGAAGA CGAAGAGTAC
H L M L D P P P E T L I H L D E D E E Y>

3060
GATGAAGACA TGGATGCGAT GAAGGAGATG CAGTACATGA TCGCCGTCAT GCAGCCCCTA
D E D M D A M K E M Q Y M I A V M Q P V>

3120
GACATCGACC CTGCCACGGT CCCTAAGCCG AACCGCCGTA ACGTAAGGAT AAGCGACGAT
D I D P A T V P K P N R R N V R I S D D>

3180
CCTCAGACGG TGGTTGCTCG TCGGCGTCGG GAAAGGATCA GCGAGAAGAT CCGAATTCTC
P Q T V V A R R R R E R I S E K I R I L>

3240
AAGAGGATCG TGCCTGGTGG TGC GAAGATG GACACAGCTT CCATGCTCGA CGAAGCCATA
K R I V P G G A K M D T A S M L D E A I>

3300
CGTTACACCA AGTTCTTGAA ACGGCAGGTG AGGATTCTTC AGCCTCACTC TCAGATTGGA
R Y T K F L K R Q V R I L Q P H S Q I G>

3360
GCTCCTATGG CTAACCCCTC TTACCTTTGT TATTACCACA ACTCCCAACC CTGATGAACT
A P M A N P S Y L C Y Y H N S Q P *>

3420
ACACAGAAGC TCGCTAGCTA GACATTTGGT GTCATCCTCT CAACCTTTTT CATGTTGATA

3480
TATTATATAT AGATGCATAA AGATTGATC CAAGATTGTA TGGGTGTTTT AATATTATTA

3540

3600

3660

3720

3780

3840

CC